

BULAKH, Kirill Glebovich, inzh.-kapitan-leytenant; TONKOV, A.A., red.;  
ANIKINA, R.F., tekhn.red.

[Act on watch as you would in battle] Na vakhte deistvui,  
kak v boiu. Moskva, Voen.izd-vo M-va obor. SSSR, 1959.  
53 p. (MIRA 15:5)

(Russia--Navy--Watch duty)

POZDNEYEV, Aleksandr Aleksandrovich; TONKOV, A.A., red.; KRASAVINA,  
A.M., tekhn.red.

[Squadron commander] Komandir eskadril'i. Moskva, Voen.izd-vo  
M-va obor.SSSR, 1959. 174 p. (MIRA 12:11)  
(Russia--Air force)

PETRUKHIN, Petr Afanas'yevich, kapitan 3 ranga, voyennyy zhurnalist;  
TONKOV, A.A., red.; ANIKINA, R.F., tekhn.red.

[On an exemplary cruiser] Na otlichnom kreisere. Moskva, Voen.  
izd-vo M-va obor.SSSR, 1959. 79 p. (MIRA 13:6)  
(Russia--Navy)

SHCHERKOTOV, Yevgeniy Yakovlevich, kapitan 1 ranga; TONKOV, A.A., red.;  
SLEPTSOVA, Ye.N., tekhn.red.

[Submarine chasers] Okhotniki za podvodnymi lodkami. Moskva,  
Voen.izd-vo M-va obor.SSSR, 1960. 125 p. (MIRA 13:11)  
(Submarine chasers)

MOSTSEYEV, Vladimir Mitrofanovich, kapitan 3 ranga; TONKOV, A.A., red.;  
ANIKINA, R.F., tekhn.red.

[Inside a submarine; comments of a political indoctrinator]  
Na podvodnoi lodke; zametki politrabotnika. Moskva, Voen.izd-vo  
M-va obor.SSSR, 1960. 156 p. (MIRA 13:6)  
(Submarine boats)

NEMTSEV, Semen Dmitriyevich, kapitan; TONKOV, A.A., red.; KRASAVINA,  
A.M., tekhn. red.

[Dzhikaev's secret] Sekret Dzhikaeva. Moskva, Voen.izd-vo M-va  
oborony SSSR, 1961. 34 p. (MIRA 15:3)  
(Shooting, Military) (Tank warfare)

VUKOLOV, Viktor Semenovich, ofitser Sovetskoy Armii, voenny zhurnalist;  
TONKOV, A.A., red.; KUZ'MIN, I.F., tekhn. red.

[Dzherzhinskii Regiment] Polk imeni Dzherzhinskogo. Moskva, Voen.  
izd-vo M-va obor. SSSR, 1961. 45 p. (MIRA 14:7)  
(Russia—Air Force)

DEGODI, N.T., morskoy ofitser, kapitan pervogo ranga v otstavke; TONKOV,  
A.A., red.; SOKOLOVA, G.F., tekhn. red.

[Combat and combat action at sea] Boi i boevye deistviia na more.  
Moskva, Voen.izd-vo M--va obor.SSSR, 1961. 51 p. (MIRA 14:12)  
(Naval battles)



LANIN, Nikolay Nikolayevich, voennyi zhurnal'st, kapitan pervogo ranga;  
TONKOV, A.A. red.; KUZ'MIN, I.F., tekhn. red.

[To the land of "Suomi."] V stranu Suomi. Moskva, Voen.izd-vo  
M-va obor.SSSR, 1961. 62 p. (MIRA 14:11)  
(Finland--Visitors, Russian) (Finland--Description and travel)

LINETSKIY, Valerian Nikitich; TONKOV, A.A., red.; SOKOLOVA, G.F., tekhn.  
red.

[The fleet of the dollar empire] Flot imperii dollara. Moskva, Voen.  
izd-vo M-va oborony SSSR, 1961. 66 p. (MIRA 14:10)  
(United States—Navy)

GUSAKOVSKIY, Iosif Irakliyevich, dvazhdy Geroy Sovetskogo Soyuza, general-polkovnik; TONKOV, A.A., red.; CHAPAYEVA, R.I., tekhn. red.

[Remember, you are a sergeant!] Pomnite - vy serzhant! Moskva,  
Voen. izd-vo M-va oborony SSSR, 1961. 53 p. (MIRA 15:1)  
(Russia—Army—Noncommissioned officers)

KOTYSH, Nikolay Timofeyevich; MEL'NIKOV, Nikolay Andreyevich; TONKOV,  
A.A., red.; CHAPAYEVA, R.I., tekhn. red.

[Wait for us, stars] Zhdiye nas, zvezdy. Moskva, Voen.izd-vo  
M-va obor.SSSR, 1962. 142 p. (MIRA 15:5)  
(Titov, German Stepanovich, 1935- )

NEMTSEV, Semen Dmitriyevich, mayor; TONKOV, A.A., red.; MUKHANOVA, M.D.,  
tekhn. red.

[Stronger than armour] Krepche broni. Moskva, Voenizdat, 1963.  
44 p. (MIRA 16:6)  
(Tanks(Military science))

SHILIN, Nikolay Konstantinovich, kapitan; TONKOV, A.A., red.;  
YEL'SKAYA, Ye.A., tekhn. red.

[Take care of your weapon, have it perfectly under your  
control] Beregi oruzhie, otlichno vladei im. Moskva,  
Voenizdat, 1963. 57 p. (MIRA 17:1)

LOSHCHITS, M.F., polkovnik; ALESHIN, S.D., polkovnik; ASTASHENKOV,  
P.T., inzh.-polkovnik; ISACHENKO, S.M., polkovnik;  
SIDEL'NIKOV, I.I., polkovnik; SHVANKOV, N.P., polkovnik;  
KOVIKOV, M.B., kapitan 2 ranga; TONKOV, A.A., red.;  
KONOVALOVA, Ye.K., tekhn. red.

[Heroes and exploits] Geroy i podvigi. Moskva, Voenizdat,  
1963. 370 p. (MIRA 16:3)

(Heroes)

DEGODI, Nikolay Timofeyevich, kapitan 1 ranga zapasa; TONKOV, A.A.,  
red.; SOLOMONIK, R.L., tekhn. red.

[The helmsman of a submarine] Rulevoi podvodnoi lodki. Mo-  
skva, Voenizdat, 1964. 58 p. (MIRA 17:2)



FAYNSHMIDT, Yakov Davydovich; TONKOV, A.A., red.

[Useful advice to the soldier] Poleznye sovety voimu.  
Moskva, Voenizdat, 1964. 551 p. (MIRA 17:12)

SHILIN, Nikolay Konstantinovich, kapitan; TONKOV, A.A., red.

[Right-flank men] Pravoflangovye. Moskva, Voenizdat,  
1965. 110 p. (MIRA 18:9)

Forney, L. V.

1

Approximation of the solution of a linear differential equation

111 (1950) 515-516 W. Russian

The problem considered is to estimate the deviation of a given function  $u(x)$  from the exact solution  $y(x)$  of an equation

$$y^{(n)} = f(x, y, y', \dots, y^{(n-1)}),$$

satisfying prescribed initial conditions. The authors give a procedure based on the use of comparison functions which are solutions of auxiliary linear equations. The procedure leads to an estimate of all derivatives of the difference  $\eta = u - y$  up to the order  $(n-1)$  in an interval whose length can be estimated from the behavior of a solution of a homogeneous auxiliary equation.

R. Finn (Pasadena, Calif.)

1/ 87-1

TONKOV L.V.

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/2 PG - 632  
 AUTHOR AZBELEV N.V., TONKOV L.V.  
 TITLE A theorem on the estimation of the error for the approximative solution of a differential equation.  
 PERIODICAL Doklady Akad.Nauk 111, 515-516 (1956)  
 reviewed 3/1957

Let be given the differential equation  $y^{(n)} = f(x, y, y', \dots, y^{(n-1)})$ . The difference  $u - y$  shall be estimated if  $u = u(x)$  is a given function and  $y$  is the sought solution. It is assumed that  $f[y]$  is continuous in  $x_0 \leq x \leq X$ ,  $a_k \leq y^{(k)} \leq b_k$  ( $k=0, 1, \dots, n-1$ ) and satisfies the conditions  $\mathcal{L}^*$  with the coefficients  $q_k$  and  $\mathcal{L}^{**}$  with the coefficients  $p_k$  (Azbelev, Doklady Akad.Nauk 89, 589 (1953); Mat.Sbornik 39, 161 (1956)). Let besides  $u = u(x)$  on  $[x_0, X]$  be  $n$  times continuously differentiable where  $a_k \leq u^{(k)} \leq b_k$  ( $x_0 \leq x \leq X$ ;  $k=0, 1, \dots, n-1$ ). Let  $\varphi = u^{(n)} - f[u]$  and  $\bar{\varphi}$  and  $\underline{\varphi}$  be two functions being continuous on  $[x_0, X]$ , where  $\varphi \leq \bar{\varphi} \leq 0$  and  $0 \leq \underline{\varphi} \leq \varphi$ . Let  $\eta = u - y$ , where  $y$  is the sought solution for the initial conditions  $y^{(k)}(x_0) = y_0^{(k)}$  ( $k=0, 1, \dots, n-1$ ). Let  $\xi$  be the solution of

$$\xi^{(n)} = \sum_{k=0}^{n-1} p_k \xi^{(k)} + \bar{\varphi},$$

Doklady Akad.Nauk 111, 515-516 (1956)

CARD 2/2

PG - 632

where  $0 \leq \bar{\xi}^{(k)}(x_0) \leq \eta^{(k)}(x_0)$  ( $k=0,1,\dots,n-1$ ) and let  $\xi$  be the solution of

$$\xi^{(n)} = \sum_{k=0}^{n-1} a_k \xi^{(k)} + \varphi,$$

where  $0 \geq \xi^{(k)}(x_0) \leq \eta^{(k)}(x_0)$  ( $k=0,1,\dots,n-1$ ).

Theorem: The terms  $\bar{\xi} = u - \xi$  and  $\underline{\xi} = u - \bar{\xi}$  shall satisfy the inequations

$a_k \leq \bar{\xi}^{(k)} \leq b_k$ ,  $a_k \leq \underline{\xi}^{(k)} \leq b_k$  ( $x_0 \leq x \leq X$ ,  $k=0,1,\dots,n-1$ ). Then inside of the interval  $(x_0, x^*)$  there hold the inequations  $\underline{\xi}^{(k)} < \eta^{(k)} < \bar{\xi}^{(k)}$  ( $k=0,1,\dots,n-1$ ).

A definition of  $x^*$  is given in the papers (loc.cit.).

INSTITUTION: Mechanic Institute, Izhensk.

TONKOV, M. ; NESHEV, D.

Installation for cleaning the scale from locomotive boilers.

P. 62, (Transportno Delo), Vol. 9, no. 5, 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. . . November 1957

BULANIN, M.O.; TONKOV, M.V.

Contours of infrared absorption bands and the rotational motion  
of molecules in liquids in liquids. Methyl halides and deuteromethyl  
halides. Opt. i spektr. 16 no.3:429-435 Mr '64. (MIRA 17:4)

T. KROY, M.

"Trotyl,  $\alpha$ -trinitrotoluene."

p. 24. (Khimia i Industriia, Vol. 30, no. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAL) LC, Vol. 7, no. 12, Dec 58



TONKOV, T.T. (Sofia)

On the modulus of polynomial radicals. Rev. math Roum 9 no.8:  
737-740 \*64

KHADZHIIVANOV, N.; MANOLOV, S.; TONKOV, T. T.

Problems and solutions. Fiz mat spisanie BAN 6 no. 2:153-155  
'63.

Tonkov, V. A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Tonkov, V.A.	"Textbook of Human Anatomy"	Military Medical Academy imeni S.M. Stalin

BO: W-30604, 7 July 1954

PAUKOV, I.Ye.; TONKOV, Ye.Yu.; MIRINSKIY, D.S.

Phase diagram of sulfur at high pressure. Dokl. AN SSSR. 164  
no.3:588-589 S '65. (MIRA 18:9)

1. Institut teplofiziki Sibirskogo otdeleniya AN SSSR. Submitted  
March 22, 1965.

Water is a liquid at pressures up to 45,000 kg/cm<sup>2</sup>

Water is a liquid at pressures up to 45,000 kg/cm<sup>2</sup>

**"APPROVED FOR RELEASE: 08/31/2001**

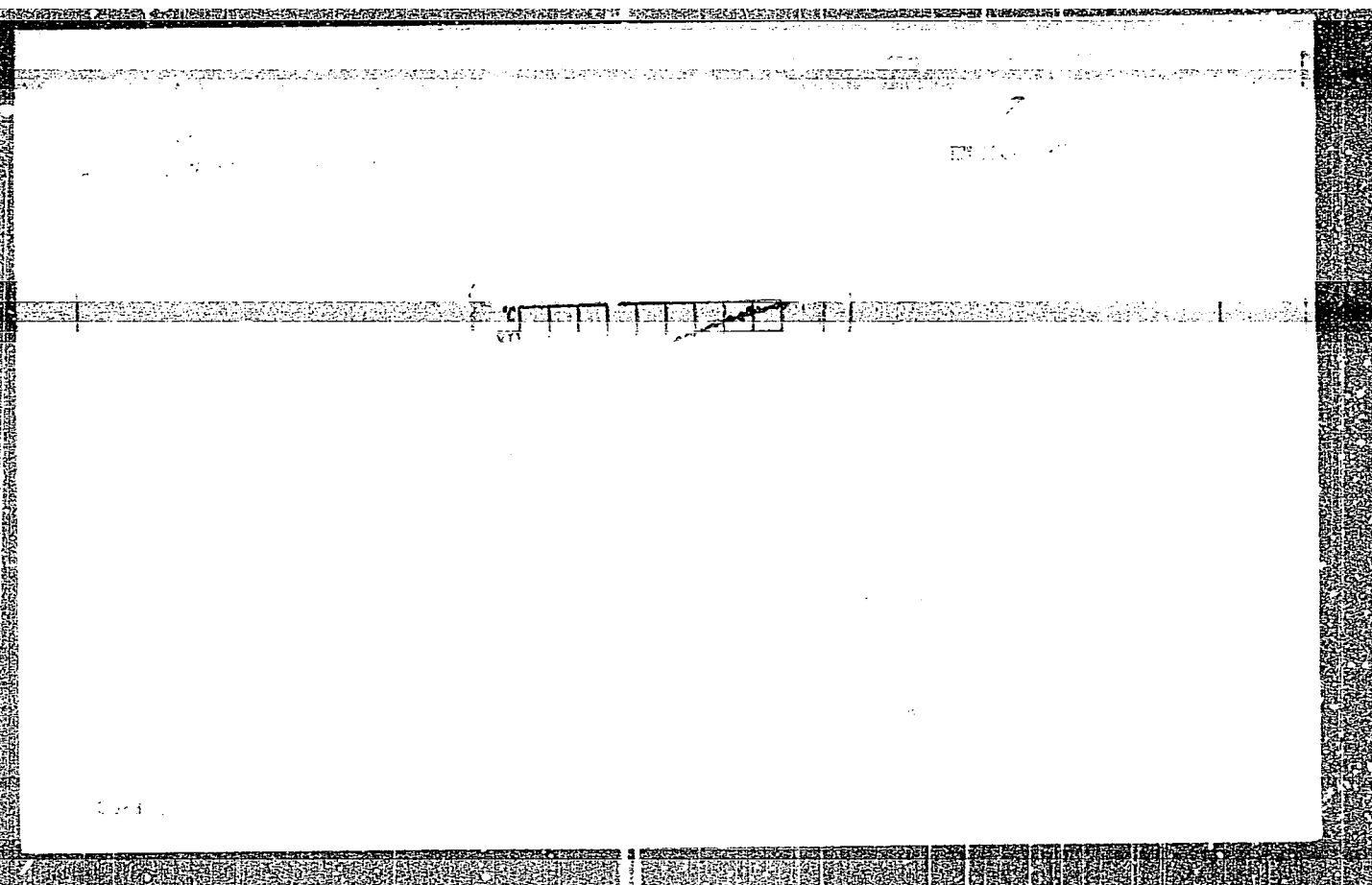
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L 44731-66 EWT(m)/EWP(t)/ETI LJP(c) JD/WW/JG  
 ACC NR: AP6031982 SOURCE CODE: UR/0386/66/004/005/0161/0164

AUTHOR: Stishov, S. M.; Tikhomirova, N. A.; Tonkov, Ye. Yu.

ORG: Institute of Crystallography, Academy of Sciences SSSR (Institut kristallografi  
 Akademii nauk SSSR)

TITLE: The maximum on the melting curve of tellurium <sup>27</sup>

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu.  
 Prilozheniye, v. 4, no. 5, 1966, 161-164

TOPIC TAGS: tellurium, melting point, phase transition, pressure effect, high pressure  
 research

ABSTRACT: The purpose of the investigation was to ascertain whether the compression  
 curve of melting liquid tellurium is perfectly smooth in the region of the maximum  
 observed on its melting curve, or whether it has some singularities pointing to the  
 localization of this anomaly in a definite region of pressures and temperatures. To  
 this end, the authors continued their earlier work (ZhETF v. 49, 618, 1965) and made  
 a detailed study of the melting curve of tellurium, from which they deduced a localized  
 change in the properties of liquid tellurium along the melting curve. The pressure  
 was produced by compressing gasoline or silicone oil in a high-pressure multiplier,  
 and was measured with a manganin manometer accurate to 50 kg/cm<sup>2</sup>. The temperature was  
 measured with a chromel-alumel thermocouple accurate to 0.2C. The purity of the in-  
 vestigated tellurium was 99.999%. The melting curve of tellurium was plotted up to  
 18,000 kg/cm<sup>2</sup>. The curve showed three distinct sections: initial, up to ~3800 kg/cm<sup>2</sup>,

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the section with the maximum, and an intermediate region from 3800 to 5000 kg/cm<sup>2</sup>. The slope of the melting curve decreased quite sharply in the pressure region from 3800 to 5000 kg/cm<sup>2</sup>. The curve then became fairly smooth and reached zero at ~12,400 kg/cm<sup>2</sup>. This agreed with the earlier results. It is proposed that the anomalous behavior of the slope of the melting curve in the region from 3800 to 5000 kg/cm<sup>2</sup> points to a unique phase transition in the liquid tellurium, connected apparently with a short-range change. In view of discrepancies between their results and those of P. E. Chaney and S. E. Babb (J. Chem. Phys. v. 43, 1071, 1965), the authors also investigated the melting curve of zinc, whose coordinates lie in the same region of temperatures as the melting coordinates of tellurium. The melting curve of zinc was found to be smooth and had no anomalies. This is taken to prove that the authors' results on the melting curve of tellurium are not connected with any apparatus error or heat-exchange effects, and that the data cited by Chaney and Babb are insufficiently accurate. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 02Jun66/ ORIG REF: 005/ OTH REF: 009

Card 2/2 mjs

TONKOVA, R. M.

USSR/ Scientific Organization - Library

Card 1/1 : Pub. 124 - 19/35

Authors : Tonkova, R. M., Cand. of Philological Sciences

Title : At the Library of the Academy of Sciences, USSR

Periodical : Vest. AN SSSR 7, page 76, July 1954

Abstract : Minutes of the conference of supervisors of the Library of the Acad. of Sc. USSR, on forms and methods of tending and aiding the readers.

Institution : .....

Submitted : .....

TONKOVA, R.M., kandidat filologicheskikh nauk.

In the library of the Academy of Sciences of the U.S.S.R. Vest.  
AN SSSR 24 no.27:76 J1 '54. (MLRA 7:8)  
(Scientific libraries)

1. 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352

[illegible]

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

1. The first step is to identify the variables that are being measured. In this case, the variables are the number of hours worked per week and the number of hours spent on household chores per week.

but only in the case of French banks. The data on output, inputs, and variability are presented in

ART

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APPROVED FOR RELEASE: 08/31/2001      CIA-RDP86-00512

APPROVED FOR RELEASE: 08/31/2001      CIA-RDP80-00515

RESHCHIKOVA, A.A.; TONKOVA, Z.V.

Relation of visibility range to the elevation of the lower limit of  
clouds. Trudy TSAO no.7:16-21 '52. (MIRA 8:5)  
(Visibility) (Clouds)

TONKOVA, Z. V. and RESHCHIKOVA, A. A.

"Connection Between the Height of a Cloud's Lower Limit and the Visibility Range," Trudy Tsentral'noy Aerologicheskoy Observatorii, No.7, pp 16-21, 1952

Translation M-1085, 25 Apr 56

TONKOVA, Z.V. and RESHCHIKOVA, A.A.

"The Relation Between the Height of the Lower Boundary of Clouds and the Distance of Visibility."

SO: "Physics of Clouds." No 7, 1952, page16.

TONKOVA-YAMPOL'SKAYA, R.V.

Characteristics of conditioned vascular reflexes in early childhood  
[with English summary in insert]. Zhur.vys.nerv.deiat. 6 no.5:697-  
701 D-O '56. (MIRA 10:2)

1. L'vovskiy nauchno-issledovatel'skiy institut okhrany materinstva  
i detstva.

(CEREBRAL COTEX, physiol.

basic processes in child. from 2 to 5, determ. by vasc.  
cond. reflexes)

(REFLEX, CONDITIONED, in inf.and child

vasc., in determ. of basic cortical processes in child  
from 2 to 5)



TONKOVA-YAMPOL'SKAYA, R.V.

Effect of various doses of nicotinic acid on the irritability of the cerebral cortex in children during the third year of life.  
Vop. pit. 19 no. 6:26-30 N-D '60. (MIRA 13:10)

1. Iz L'vovskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva.  
(NICOTINIC ACID) (CONDITIONED RESPONSE)

TONKOVA-YAMPOL'SKAYA, R.V.

Characteristics of vascular conditioned reflexes in children over  
2 years of age. Zhur. vys. nerv. deiat. 11 no.1:87-91 Ja-F '61.  
(MIRA 14:5)

1. Institute of Mother and Child Protection, Lvov.  
(CONDITIONED RESPONSE) (CARDIOVASCULAR SYSTEM)

TONKOVA-YAMPOL'SKAYA, R.V.

Study of the physiological mechanisms of speech. Zhur.vys.nerv.  
deiat. 12 no.1:82-87 Ja-F '62. (MIRA 15:12)

1. Scientific Institute of Mother and Child Protection, Lvov.  
(SPEECH) (CEREBRAL CORTEX)

TONKOVA-YAMPOLSKAYA, R. V.

"On the development of order of words."

report submitted for 5th Intl Cong of Phonetic Sciences, Muenster, W. Germany,  
16-23 Aug 64.

TONKOVA-YAMPOL'SKAYA, R. V.

Tonkova-Yampol'skaya, R. V.

"Changes in conditioned-reflex activity of children from 2 to 5 years of age under the influence of operational injury." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 25, 1956

1. TONKOVA-YAMPOL'SKAYA, R. V.
2. USSR.(600)
4. Burns and Scalds
7. Treatment of burns in children. Vest. khir. 72 no.6. 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

TONKOVIC, Kruno (Zagreb)

Bridges of old Dubrovnik. Gradevinar 16 no.5:176-181 My '64.

TONKOVIC, Kruno

Construction of overpasses at Karlovac. Gradevinar 16 no. 1:  
28-29 Ja '64.

1. Clan Redakcionog odbora, "Gradevinar".



TONKOVIC, Kruno (Zagreb)

Integration of plastic arts. Gradevinar 16 no.2:33-37 F '64.

TONKOVIC, Lj.

Zagreb International Airport. Medup transp 10 no. 6:445 Je '64.

TONKOVICH, V. (Minsk)

Book on the working capital of collective farms. Vop. ekon.  
no.6:143-145 Je '63. (MIRA 16:6)  
(Collective farms--Finance)

TONKOVICH, L.A., inzh.

Design of soles for flat footwear. Nauch.-issl.trudy Ukr NIIKP  
no.13:165-174 '62. (MIRA 18:2)

LAPTEV, I.D.; TERYAYEVA, A.P.; SAPIL'NIKOV, N.G.; CHENTSOV, R.Ye.  
[deceased]; SEPP, Ya.P.; SUVOROVA, L.I.; ZASLAVSKAYA, T.I.;  
GREKOVA, A.I.; TONKOVICH, V.S.; IERAGIMOV, A.I.; KOTEXUBA,  
T.Ya.; KURYLEV, V.M.; KOVALEVSKIY, G.T.; KALNINSH, A.A.  
[Kalnins, A.]; SIDOROVA, M.I.; MALISHAUSKAS, V.I.  
[Malisauskas, V.]; PASECHNIK, P.P.; BUGAREVICH, V.S.;  
KARNAUKHOVA, Ye.I.; AREF'YEV, T.I.; KAZAKOV, I.G.;  
GUMOVSKIY, I.A.; SEMIN, S.I., red.; LINKUNA, N.I., red.;  
TSITKO, I.A., red.; VOLKOVA, V.V., tekhn. red.

[Material incentives for developing the collective farm produc-  
tion] Material'noe stimulirovanie razvitiia kolkhoznogo pro-  
izvodstva. Moskva, Izd-vo AN SSSR, 1963. 326 p.  
(MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki.
2. Institut ekono-  
miki AN SSSR (for Laptev, Teryayeva, Suvorova, Zaslavskaya,  
Sidorova, Karnaukhova).
3. Sredneaziatskiy gosudarstvennyy uni-  
versitet (for Sapil'nikov).
4. Komi filial AN SSSR (for Chentsov).
5. Institut ekonomiki AN Estonskoy SSR (for Sepp).
6. Bashkirskiy  
filial AN SSSR (for Grekova).
7. Institut ekonomiki AN Belo-  
russkoy SSR (for Tonkovich, Kovalevskiy).
8. Institut ekonomiki  
AN Uzbekskoy SSR (for Ibragimov).

(Continued on next card)

LAPTEV, I.D.— (continued). Card 2.

9. Institut ekonomiki AN Ukr.SSR (for Kotsyuba, Paschnik).
10. Belorusskiy institut ekonomiki i organizatsii sel'sko-khozyaystvennogo proizvodstva (for Bugarevich).
11. Vsesoyuznyy institut sakharnoy svekly (for Aref'yev).
12. Institut ekonomiki AN Kirgizskoy SSR (for Kazakov).
13. Rabotnik Tsentral'nogo komiteta Kommunisticheskoy partii Moldavskoy SSR (for Gumenovskiy).
14. Kuybyshevskiy planovyy institut (for Kurylev).  
(Collective farms--Income distribution)

TONKOVID, A.

Piler as an effective machine. Muk.,--elev. prom. 30 no.3:30  
Mr '64. (MIRA 17:4)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya.

TONKOVID, A.

Equip the intake bins of production lines with vibration feeders.  
Muk.-elev. prom. 29 no.6:31 Je '63. (MIRA 16:7)  
(No subject headings)



TONKOVID, A., inzh.

Production norms for sizing shops at plants for the treatment  
of seed corn. Muk.-elev. prom. 29 no.4:32 Ap '63.

(MIRA 16:7)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya.  
(Corn(Maize)) (Seeds---Grading)

TONKUNAS, I.M., prof.

Cultivated pastures in the Lithuanian S.S.R. Zemledelia 7  
no.6:87-88 Je '59. (MIRA 12:8)

1. Litovskiy nauchno-issledovatel'skiy institut zemledeliya.  
(Lithuania--Pastures and meadows)

TONKUNAS, I. M., Candidate Agric Sci (diss) -- "A method of field experiments".  
Kaunas, 1959. 21 pp (Min Agric Lithuanian SSR, Lithuanian Agric Acad), 150  
copies (KL, No 25, 1959, 138)

TONKUNAS, I.M.

Necessity of determining errors in field experiments. Zemledelie  
7 no.1:87-89 Ja '59. (MIRA 12:1)

1. Chlen-korrespondent AN Litovskoy SSR.  
(Agriculture--Experimentation)

USSR / Meadow Cultivation

L

Abs Jour: Ref Zhur-Biol., Vol 13, 1958, 58472

Author : Tonkunas, J.

Inst : Not given

Title : Problems of Meadow Fertilization

Orig Pub: Soc. zemes. ukis., 1956, No 4, 19-25

Abstract: No abstract.

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USSR / Meadow Cultivation

Abs Jour: Ref Zhur-Biol., Vol 13, 1958, 58453

Author : Tonkunas, J.

Inst : Not given

Title : Classification of Lithuania's Meadows

Orig Pub: Soc. zemes ukis, 1956, No 11, 18-19

Abstract: No abstract.

Card 1/1

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TONKS, E.

Varnishes for metals. p. 551.  
TECHNICKA PRACA, Bratislava, Vol. 6, no. 9, Sept. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

BC

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PROCESSES AND PROPERTIES INDEX

2ND AND 4TH ORDERS

Common Elements

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SA

765. Motion of Electrons in Crossed Electric and Magnetic Fields with Space-Charge. J. Tunks: Phys. Zells. d. Sowjetunion, 8, 6, pp. 572-578, 1935. In English.—Braude's view that his solution of this problem for the space-charge limited plane case shows the absence of cut-off by a critical magnetic field [see Abstract 3487 (1935)] is shown to be incorrect. An analysis is given of the nature of the potential distribution and its relation to cut-off. A series of virtual cathodes is found of a peculiar type, having spacing proportional to current. Only that solution which has no virtual cathode is stable and hence of physical significance, except perhaps when a cut-off magnetron is generating oscillations. The theory accounts for the decrease of current in a magnetron as cut-off is approached. (See following Abstract.)

J. J. S.

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TONN, G. A. Cand Tech Sci -- "Study and selection of an efficient oil-<sup>feed</sup> supply device in the crankgear of KDM-46 and KDM-100 <sup>engines</sup> ~~motors~~." Mos, 1961 (Joint Council of All-Union Sci Res Inst of Mechanization of Agr "VIM" and All-Union Sci Res Inst of Electrification of Agr "VIEKh")." (KL, 4-61, 201)

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TONN, G.A., inzh.; UL'MAN, I.Ye., kand.tekhn.nauk

Oil feeding system in KDM-46 and KDM-100 engines. Mekh. i  
elek.sots.sel'khoz. 17 no.5:14 '59. (MIRA 12:12)

1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii  
sel'skogo khozyaystva.  
(Diesel engines)

UL'MAN, I.Ye., dots., kand. tekhn. nauk, otv. red.; KHARITONCHIK, Ye.M., prof., otv. za vyp.; Prinsipali uchastiye: LEBEDEV, S.P., prof., doktor tekhn. nauk, red.; SERGEYEV, M.P., prof., red.; KUZNETSOVA, A.V., doktor sel'khoz. nauk, red.; MELAMED, V.I., dots., red.; DEULIN, N.P., dots., red.; SOKOLOV, B.F., dots., red.; ROMALIS, B.L., dots., red.; RASKATOVA, Ye.A., dots., red.; TONN, G.A., kand. tekhn. nauk, red.; PANUS, Yu.V., st. prepod., red.; KUBYSHEV, V.A., st. prepod., red.

[Materials of the Jubilee Scientific Conference of the Chelyabinsk Institute of the Mechanization and Electrification of Agriculture] Materialy IUbileinoi nauchnoi konferentsii. Cheliabinsk. Pt.1.[Investigation of the elements of design and the system of agricultural machinery] Issledovanie elementov konstruktssii i sistemy mashin v sel'skokhoziaistvennom proizvodstve. 1962. 122 p. Pt.2.[Improvement in the design of machinery and the means for prolonging their service life] Sovvershenstvovanie konstruktssii mashin i puti uvelichenia ikh dolgovechnosti. 1962. 118 p. Pt.3.[New methods for using electric power in mobile units and technological processes in agriculture] Novye sposoby ispol'zovaniia elektricheskoi energii v mobil'nykh agregatakh i tekhnologicheskikh protsessakh sel'skokhoziaistvennogo proizvodstva. 1962. 44 p. (MIRA 16:8)

1. Chelyabinsk. Institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.  
(Agricultural machinery) (Electricity in agriculture)

TONOV, A.N., inzh.

Prospects for the development of inland water transportation in  
the Polish People's Republic. Rech. transp. 17 no.8:53-54  
Ag '58. (MIRA 11:10)  
(Poland--Inland water transportation)

TONOV, A.N., inzh.

River transportation of petroleum and petroleum products in  
West Germany and France. Rech. transp. 18 no.4:51-52 Ap '59.  
(MIRA 13:1)

(Germany, West--Petroleum--Transportation)

(France--Petroleum--Transportation)

COMMON ELEMENTS										COMMON VARIABLE MOE									
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Energy distribution of the positive potassium ions formed in surface ionization on tungsten. Tronov, N.T. J. Exp. Theor. Phys., 18, 46-100 (Jan., 1948) In Russian.—The energy distribution of thermo-electrons and positive ions of K formed by surface ionization of K, KBr and KCl on W was investigated in the retarding field of a cylindrical capacitor. It is shown that the energy distribution of the positive K ions in the temperature interval 1300-2400°K of the filament is Maxwellian, and that the temperature of the distribution of the positive ions corresponds to the temperature of the distribution of the thermo-electrons emitted by the same surface.																			
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TONOVSKI, TOMI

Carbonate content, soil reaction, calcification demands,  
and necessary lime requirements for calcification of several  
soils in Macedonian headlands. Georgi Filipovski and  
Tome Tonovski (Univ. Skopje, Yugoslavia). *Godisen Zbor-  
nik Zemjot. Izh. Sumarsknot Fak. Univ. Skopje* 6-7, 5-132  
(1952-53; 1953-54)(Pub. 1955)(in Cyrillic Serbian).—A  
detailed soil study embodying results of an extensive geo-  
chem. survey of 4 Upper Macedonia regions. L. Y. D.

Chem 2



MAGAKYAN, A.; TONOYAN, A.; NALCHADZHIAN, F.

Technological processes and th output of Swiss cheese. From Arm.  
6 no.10:33-36 0 '63. (MIRA 17:1)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya Upravleniya myasomolochnoy promyshlennosti Soveta narodnogo khozyaystva ArmSSR.

TONOYAN, A.

Combined panels for building roofs without attics. Stroitel' no.4:  
23 Ap '60. (MIRA 13:6)  
(Roofs, Concrete)

ATAYEV, S., kand.tekhn.nauk; ZYSMAN, A., kand.tekhn.nauk; TONOYAN, A., inzh.;  
MIKHAYLOVSKIY, D., inzh.

Apartment houses made of prefabricated rooms. Zhil. stroi. no.7:24-26  
Jl '61. (MIRA 14:8)  
(Minsk--Buildings, Prefabricated) (Apartment houses)

SIROTA, H.N., akademik; TONoyAN, A.A.

Revealing of dislocations and some forms of etching patterns in  
silicon single crystals. Dokl. AN SSSR 134 no.6:1397-1398 0 '60.  
(MIRA 13:10)

1. Otdel fiziki tverdogo tela i poluprovodnikov Akademii nauk BSSR.
2. AN BSSR (for Sirota).  
(Silicon crystals)

S/020/60/134/006/026/031  
B004/B054

AUTHORS: Sirota, N. N., Academician of the AS BSSR and Tonoyan, A.A.  
TITLE: Visualization of Dislocations and Some Forms of Etch Patterns on Single Crystals of Silicon ✓  
PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 6, pp. 1397-1398

TEXT: The authors thoroughly studied the etch patterns produced on silicon samples by dislocation and other disturbances (Ref. 1). The samples were cut out of single crystals in the (111) plane. The orientation of the crystals was carried out by means of an apparatus described by I. Ye. Voytsekhovich. The mechanical polishing was followed by a chemical polishing with a mixture of concentrated hydrofluoric, nitric, and acetic acids at 30 - 35°C (for 2-3 min), and then by etching in a dilute acid solution (for 1.5 - 2 min). The etch patterns are described, and their microphotographs are shown in Figs. 1, 2: right- and left-handed spirals which, externally, often change into triangular terraces; spirals with new spirals becoming visible at both ends in planes perpendicular to each other; superposed terraces; and (in KOH) polygons with sides parallel to Card 1/2 ✓

Visualization of Dislocations and Some Forms of Etch Patterns on Single Crystals of Silicon S/020/60/134/006/026/031 B004/B054

one another. Measurements showed a decrease in microhardness near the etching furrows (Table 1). There are 2 figures, 1 table, and 5 references: 2 Soviet, 1 US, 1 British, and 1 Japanese.

ASSOCIATION: Otdel fiziki tverdogo tela i poluprovodnikov Akademii nauk BSSR  
(Branch of Solid State Physics and Semiconductors of the Academy of Sciences BSSR)

SUBMITTED: June 17, 1960

Card 2/2

TONOYAN, A.G., kand.tekhn.nauk; ASINOYSKIY, M.A., technolog

Reducing the height and the effective thickness of concrete in making PKZhN slabs. Suggested by A.G.Tonoian, M.A.Asinovskii.  
Rats.1 izobr.predl.v stroi. no.16:29-30 '60. (MIRA 13:9)

1. Stroitel'nyy trest No.5 Ministerstva stroitel'stva BSSR (for Tonoian).
2. Zavod stroitel'nykh detaley (for Asinovskiy).  
(Concrete slabs)

TONOYAN, A.G., kand.tekhn.nauk

Reducing the height and the effective thickness of concrete in making hollow flooring slabs. Suggested by A.G.Tonoian. Bats. i izobr.predl.v stroi. no.16:31-32 '60. (MIRA 13:9)

1. Stroitel'nyy trest No.5 Ministerstva stroitel'stva BSSR.  
(Concrete slabs)



TONOYAN, A. G.

TONOYAN, A. G. -- "Technicoeconomic Analysis of the Coverings of Warm Roofs of Industrial Buildings." Min Higher Education USSR, Belorussian Polytechnic Inst imeni I. V. Stalin, Minsk, 1955 (Dissertation For the Degree of Doctor of Technical Sciences)

SO: Knizhnaya letopis', No. 37. 3 September 1955

TONOYAN A.G., inzhener; GOL'DIN, S.Yu., inzhener.

Production of PEZh prestressed reinforced panels by Construction  
Trust No. 136. Nov. tekhn. i pered.op. v stroi. 19 no. 3:4-5 Nr '57.  
(MIRA 10:4)

(Concrete slabs)

ZYSMAN, A.I., inzh.; MOROGOVSKIY, B.M., inzh.; TONOYAN, A.G., inzh.

Experimental equipment for prefabricating room units of apartment  
houses to be built in the White Russian S.S.R. Stroi.i dor.  
mashinostr. 5 no.7:7-12 JI '60. (MIRA 13:7)  
(White Russia--Precast concrete construction)

TONOYAN, A.G.

The TAG-1 unit for prefabricating room units. Suggested by A.G.  
Tonoian. Rat.i izobr.prædl.v stroi. no.16:5-8 '60. (MIRA 13:9)

1. Po materialam stroitel'nogo tresta No.5 Ministerstva stroitel'stva  
BSSR, Minsk, Mogilevskoye shosse, d. 144.  
(Precast concrete construction)

L 21780-66 EWT(m)/EWP(j)/T LJP(c) RM

ACC NR: AP600251.9 (A)

SOURCE CODE: UR/0286/65/000/023/0047/0047

AUTHORS: Karapetyan, N. G.; Chukhadzhyan, G. A.; Voskanyan, S. M.; Tonoyan, O. A. 37

ORG: none

TITLE: A method for obtaining polyacetaldehyde. Class 39, No. 176681 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 47

TOPIC TAGS: polymer, polymerization, polyacetaldehyde, catalytic polymerization, catalyst

ABSTRACT: This Author Certificate presents a preparative method for obtaining polyacetaldehyde by low-temperature polymerization of acetaldehyde in presence of catalysts. To increase the variety of catalysts, cation exchangers are used as catalysts. 7

SUB CODE: 11, 07/SUBM DATE: 22Oct64

Card 1/1 ULR

UDC: 678.622'22 2

L 448-66 EWT(m)/EPF(c)/EWP(j)/T RPL WW/RM

ACCESSION NR: AP5023917

UR/0171/65/018/004/0371/0378

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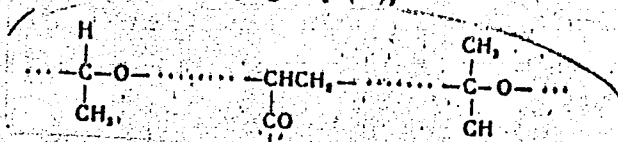
AUTHOR: Karapetyan, N. G.; Voskanyan, S. M.; Tonoyan, O. A.; Chukhadzhyan, G. A.

TITLE: Copolymerization of acetaldehyde with methyl vinyl ketone

SOURCE: AN ArmSSR. Izvestiya. Khimicheskiye nauki, v. 18, no. 4, 1965, 371-378

TOPIC TAGS: acetaldehyde, ketone, copolymerization

ABSTRACT: In connection with the problem of increasing the stability of polyacetaldehyde, the authors studied the copolymerization of acetaldehyde with methyl vinyl ketone at -78C in the presence of organometallic catalysts (1:1 mixture of butyllithium and triisobutylaluminum), and in the presence and absence of the radical polymerization inhibitor  $\beta$ -phenylnaphthylamine. The structure of the copolymers obtained was determined chiefly by IR spectra. The results suggest that methyl vinyl ketone copolymerizes with acetaldehyde at the vinyl group (Ia), the carbonyl group (Ib),

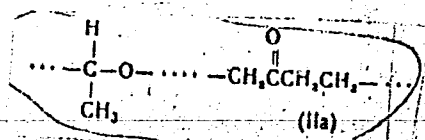


Card 1/3

L 4148-66

ACCESSION NR: AP5023917

and also involves migration of hydrogen (IIa):



In the presence of the radical polymerization inhibitor, the copolymerization involves primarily the migration of hydrogen; in its absence, it consists of steps Ia and Ib simultaneously. Distinct x-ray halos indicate the crystallinity of the chloroform-insoluble fractions of the acetaldehyde-methyl vinyl ketone copolymer obtained in the absence of  $\beta$ -phenylnaphthylamine. It is thus shown that one of the ways of increasing the stability of acetaldehyde polymers is to copolymerize acetaldehyde with other monomers. Orig. art. has: 3 figures.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut polimernykh produktov (All-Union Scientific Research and Planning Institute of Polymer Products)

Card 2/3

L 4148-66

ACCESSION NR: AP5023917

SUBMITTED: 19Jun64

ENCL: 00

SUB CODE: OC, CC

NO REF SOV: 002

OTHER: 007

Card 3/3



L 13709-63      BBS/EWT(d)/FCC(w)      AFFTC/APGC/ASD/ESD-3      IJP(C)  
 ACCESSION NR: AP003504      S/0020/63/151/001/0059/0061

56

AUTHOR: Tonoyan, R. N.

TITLE: Some equivalent representations of algorithm schemes

SOURCE: AN SSSR. Doklady\*, v. 151, no. 1, 1963, 59-61<sup>10</sup>

TOPIC TAGS: algorithm scheme, computer scheme, program scheme

ABSTRACT: For every algorithm scheme U it is possible to construct a computer scheme U\* such that U\* is smaller than U. And from any computer scheme U\* it is possible to obtain a program scheme U\*\* such that U\* is equivalent to U\*\*. The paper was presented by Academician S. L. Sobolev on 22 October 1962. Orig. art. has: no graphic material.

ASSOCIATION: none

SUBMITTED: 120ct62

DATE ACQ: 30Jul63

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 000

Card 1/1

TONOYAN, R.N. (Novosibirsk)

Logical schemes of algorithms and their equivalent transformations. Probl. kib. no.14:161-188 '65.

(MIRA 19:1)

1. Submitted Feb. 18, 1964.

TONOYAN, V.S.

Two-dimensional contact problem for an elastic quarter-plane. Dokl.  
AN Arm. SSR 37 no.3:121-130 '63. (MIRA 17:1)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno  
akademikom AN Armyanskoy SSR N.Kh.Arutyunyanom.

ABRAMYAN, B.L.; TOMOYAN, V.S.

Torsion of prismatic rods with a cross section in the form of an annular sector with teeth. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6:69-88 '59. (MIRA 13:7)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.  
(Torsion) (Elastic rods and wires)

TONOYAN, V.S.

Flexure of a hollow prismatic rod having an elliptic cross section with grooves. Izv. AN Arm. SSR. Ser. fiz. mat. nauk 14 no.4:87-102 '61. (MIRA 14:11)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.  
(Elastic rods and wires)

TONOYAN, V.S.

Insertion of two equal rigid stamps into an elastic half-plane. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 17 no.2: 81-90 '64. (MIRA 17:9)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.

TOPIC TAGS: orthotropic plate, annular sector plate, plate stress, plate strain

ABSTRACT: The problem of the elasticity theory, concerning an

stress function. The analysis of the problem is for symmetrical

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ACCESSION NR: AP4049198

linear algebraic equations with respect to the functions  $\sigma_{ij}$  and  $\tau_{ij}$  derived without using infinitesimal deformations. The stress functions are

[illegible]

5601752. 1985. 10 p.

SUB CODE: AS, ME

NO REF SOV: 012

OTHER: 000

Card 212



ACCESSION NR: AP4020615

S/0252/63/037/005/0249/0258

AUTHOR: Tonoyan, V. S.

TITLE: Plane contact problem for an elastic quarter-plane with fixed vertical edge  
(Presented by academicoian N. Kh. Arutyunyan of the AN Armenskoy SSR, June 12, 1963)

SOURCE: AN ArmSSR. Doklady\*, v. 37, no. 5, 1963, 249-258

TOPIC TAGS: plane contact, elastic quarter-plane, fixed vertical edge, rigid stamp, friction, Fourier integral, triple integral equation, Fredholm integral equation, dual trigonometric series

ABSTRACT: The author studies the problem of pressure of a rigid stamp applied to part of the horizontal boundary of an elastic isotropic quarter-plane under the assumption of absence of friction. The vertical boundary is assumed fixed. The solution is presented in the form of Fourier integrals. Determination of the coefficients of integration is reduced to solution of "triple" integral equations and a Fredholm integral equation of the second kind; the solution of the "triple" integral equations is reduced to the solution of dual trigonometric series. Orig. art. has: 35 formulas and 1 figure.

Card: 1/2

ACCESSION NR: AP4020615

ASSOCIATION: Institut matematiki i mekhaniki Akademii nauk Armyanskoy SSR (Institute of Mathematics and Mechanics, Academy of Sciences, Armenian SSR)

SUBMITTED: 00

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: AP

NO REF SOV: 013

OTHER: 003

Card 2/2

TONOYAN, V.S.

Two-dimensional contact problem for an elastic quarter-plane  
with a fixed vertical edge. Dokl. AN Arm. SSR 37 no.5:249-  
258 '63. (MIRA 17:9)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.  
Predstavleno akademikom AN Armyanskoy SSR N.Kh. Arutyunyanom.

TONOYAN, V.S. (Yerevan)

"Some plane contact problems of the theory of elasticity for a quarter-plane and half-plane"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.